

Specification-R32 50Hz DC Inverter



Model	Outdoor Unit		AM2-H14/4DR3	AM2-H18/4DR3	AM3-H21/4DR3
System Format			1 drive 2	1 drive 2	1 drive 3
Capacity	Cooling/Heating	Btu/h	13989(6142~15388)/16378(6995~18015)	18084(6824~19892)/19107(7541~21017)	21154(7506~22895)/22519(8155~24771)
		kW	4.1(1.8~4.51)/4.8(2.05~5.28)	5.3(2.0~5.83)/5.6(2.21~6.16)	6.2(2.2~6.71)/ 6.6(2.39~7.26)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	1240/ 1150	1750/ 1540	1920/ 1780
	Rated Current(cooling&heating)	A	5.4/5	7.6/6.7	8.3/7.8
Performance	SEER/SCOP	W/W	6.16/4.06	7.07/4.08	6.57/4.38
	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+
	Air Flow Volume	m ³ /h	2300	2300	3100
	Sound Pressure Noise Level	dB(A)	54	55	56
	Sound Power Noise Level	dB(A)	61	62	65
Dimension (W×D×H)	Net	mm	800×315×545	800×315×545	834×328×655
	Packing	mm	920×400×620	920×400×620	945×435×725
Weight	Net/Gross	kg	34/37	36/39	44/47
Piping size	Liquid Side	mm(inch)	2×6.35(1/4)	2×6.35(1/4)	3×6.35(1/4)
	Gas Side	mm(inch)	2×9.52(3/8)	2×9.52(3/8)	3×9.52(3/8)
Max.Pipe Length	Between IDU to ODU	m	25	25	30
Max.Height Difference	Between ODU to IDU	m	15	15	15
Ambient temperature	Cooling/Heating	°C	-15~52/-15~24	-15~52/-15~24	-15~52/-15~24
Stuffing Quantity	20/40/40H	unit	102/219/292	102/219/292	96/198/198

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Model	Outdoor Unit		AM3-H27/4DR3	AM4-H36/4DR3	AM5-H42/4DR3
System Format			1 drive 3	1 drive 4	1 drive 5
Capacity	Cooling/Heating	Btu/h	26955(7848~29650)/27978(8359~30776)	35826(8530~37532)/37532(9110~38214)	40944(9451~43332)/44356(10100~44800)
		kW	7.9(2.3~8.69)/8.2(2.45~9.02)	10.50(2.5~11.0)/11.00(2.67~11.2)	12(2.77~12.7)/13(2.96~13.1)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	2460/ 2270	3950/3150	4450/3750
	Rated Current(cooling&heating)	A	10.7/9.8	17.5/13.96	19.72/16.62
Performance	SEER/SCOP	W/W	6.30/4.04	6.10/4.00	6.10/4.10
	ERP Energy Efficiency Class		A++/A+	A++/A+	A++/A+
	Air Flow Volume	m³/h	3100	4000	4200
	Sound Pressure Noise Level	dB(A)	58	61	61
	Sound Power Noise Level	dB(A)	65	68	68
Dimension (W×D×H)	Net	mm	834×328×655	985×395×808	985×395×808
	Packing	mm	945×435×725	1105×495×895	1105×495×895
Weight	Net/Gross	kg	46/49	74/78	75/79
Piping size	Liquid Side	mm(inch)	3×6.35(1/4)	4×6.35(1/4)	5×6.35(1/4)
	Gas Side	mm(inch)	3×9.52(3/8)	4×9.52(3/8)	5×9.52(3/8)
Max.Pipe Length	Between IDU to ODU	m	30	35	35
Max.Height Difference	Between ODU to IDU	m	15	15	15
Ambient temperature	Cooling/Heating	°C	-15~52/-15~24	-15~52/-15~24	-15~52/-15~24
Stuffing Quantity	20/40/40H	unit	96/198/198	44/96/144	44/96/144

Specification-R32 Wall Mounted F Type



Model	Indoor unit		AMWM-H07/4R3(F*)	AMWM-H09/4R3(F*)	AMWM-H12/4R3(F*)
Capacity	Cooling/Heating	Btu/h	7165(3855~9220)/7510(3340~8530)	9000(4780~11260)/9215(4095~10240)	12285(5800~12625)/12625(5120~12625)
		kW	2.05(1.13~2.70)/2.15(0.98~2.50)	2.58(1.40~3.30)/2.70(1.20~3.00)	3.50(1.70~3.70)/3.50(1.50~3.70)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	40(12~68)/40(12~68)	40(12~68)/40(12~68)	40(12~68)/40(12~68)
Performance	Air Flow Volume	m ³ /h	600/480/370	600/480/370	600/480/370
	Sound Pressure Noise Level	dB(A)	40/38/34	40/38/34	42/40/36
	Sound Power Noise Level	dB(A)	51	54	52
Dimension (WxDxH)	Net	mm	750×285×200	750×285×200	750×285×200
	Packing	mm	820×347×277	820×347×277	820×347×277
Weight	Net/Gross	kg	7.5/9	7.5/9	8/10
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	9.52(3/8)	9.52(3/8)	9.52(3/8)
	Drainage	mm(inch)	16.5	16.5	16.5
Stuffing Quantity 20/40/40H		unit	384/768/864	384/768/864	384/768/864

Model	Indoor unit		AMWM-H18/4R3(F*)	AMWM-H24/4R3(F*)
Capacity	Cooling/Heating	Btu/h	17747(8530~19790)/18085(7680~19790)	23986(9895~24908)/24054(7165~27296)
		kW	5.27(2.50~5.80)/5.37(2.25~5.80)	7.03(2.90~7.30)/7.05(2.10~8.00)
Electric Data	Power Supply	V~,Hz,Ph	220~240,50,1	220~240,50,1
	Cooling/Heating Power Input	W	63(16~88)/63(16~88)	63(16~88)/63(16~88)
Performance	Air Flow Volume	m ³ /h	850/800/680	1150/950/750
	Sound Pressure Noise Level	dB(A)	45/42/35	49/42/35
	Sound Power Noise Level	dB(A)	57	60
Dimension (WxDxH)	Net	mm	900×310×225	1082×330×233
	Packing	mm	970×382×302	1155×397×312
Weight	Net/Gross	kg	12/14	15/16.5
Piping size	Liquid Side	mm(inch)	6.35(1/4)	6.35(1/4)
	Gas Side	mm(inch)	12.7(1/2)	15.88(5/8)
	Drainage	mm(inch)	16.5	16.5